

ABSTRACT OF THE DISCLOSURE

A variable capacitance unit is formed between one portion
5 of a human body and an opposed electrode facing it through a casing
of a robot toy (electronic device) when the one portion of the
human body such as a hand or a finger approaches the surface of
the casing of the robot. Since the capacitance of the variable
capacitance unit varies according to the facing area and the
10 facing distance of the one portion of the human body and the
opposed electrode, it is possible to detect the one portion of
the human body approaching or touching the robot toy by detecting
this change. Since the opposed electrode forming the touch sensor
can be provided within the casing, the touch sensor cannot be seen
15 directly from the outside of the robot toy.